

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026738.D
 Acq On : 28 Apr 2017 9:12
 Operator : SJ/MA
 Sample : I2807-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSN9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.425	53	57	69	rVB2	45020	77605	1.53%	0.131%
2	4.188	181	187	194	rVB3	13479	24455	0.48%	0.041%
3	4.476	235	236	241	rVB5	3512	5812	0.11%	0.010%
4	4.517	241	243	246	rBV3	4541	6857	0.14%	0.012%
5	4.700	270	274	278	rBV7	2909	5288	0.10%	0.009%
6	5.387	387	391	395	rBV5	3169	5526	0.11%	0.009%
7	5.505	410	411	419	rBV7	3438	6122	0.12%	0.010%
8	5.886	471	476	479	rVB5	3445	5871	0.12%	0.010%
9	6.221	527	533	539	rBV8	5324	11901	0.24%	0.020%
10	7.191	691	698	715	rBV	746577	1404043	27.75%	2.368%
11	7.332	715	722	734	rVB	708611	1148487	22.70%	1.937%
12	7.426	735	738	749	rVB	6751	16712	0.33%	0.028%
13	7.549	749	759	775	rBV	832100	1448765	28.63%	2.443%
14	8.008	830	837	853	rVB	560893	981738	19.40%	1.656%
15	8.501	917	921	926	rBV5	3573	7675	0.15%	0.013%
16	8.724	951	959	977	rBV	938791	1805432	35.68%	3.045%
17	9.171	1025	1035	1049	rBV	779355	1408467	27.84%	2.375%
18	9.335	1054	1063	1067	rBV6	12166	29565	0.58%	0.050%
19	9.594	1100	1107	1113	rBV	17916	28294	0.56%	0.048%
20	9.894	1149	1158	1171	rBV	663581	1228874	24.29%	2.072%
21	10.440	1243	1251	1279	rBV	1053565	1969205	38.92%	3.321%
22	10.810	1303	1314	1327	rBV	950085	1687670	33.36%	2.846%
23	10.945	1329	1337	1358	rBV	1106732	2101009	41.53%	3.543%
24	12.226	1550	1555	1558	rBV5	2928	5141	0.10%	0.009%
25	12.297	1562	1567	1574	rBV9	4914	14468	0.29%	0.024%
26	12.391	1575	1583	1593	rVB2	20726	42584	0.84%	0.072%
27	13.231	1719	1726	1734	rVB7	5427	12337	0.24%	0.021%
28	13.442	1756	1762	1769	rBV4	7276	11217	0.22%	0.019%
29	13.519	1769	1775	1781	rVB7	3965	7867	0.16%	0.013%
30	14.024	1854	1861	1865	rBV	2023959	2980528	58.91%	5.026%
31	14.071	1865	1869	1877	rVV	419758	615161	12.16%	1.037%
32	14.141	1877	1881	1887	rVV7	7997	12373	0.24%	0.021%
33	14.212	1887	1893	1897	rVB6	5603	9040	0.18%	0.015%
34	14.318	1899	1911	1922	rBV	2440006	3885920	76.80%	6.553%

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 Title : SVOA CALIBRATION

35	14.512	1938	1944	1952	rVB	42684	61392	1.21%	0.104%
36	14.623	1952	1963	1973	rBV2	1433170	2364204	46.73%	3.987%
37	14.723	1977	1980	1984	rVB5	3996	6694	0.13%	0.011%
38	14.841	1990	2000	2015	rBV	550997	1202739	23.77%	2.028%
39	15.011	2025	2029	2030	rBV3	5354	6440	0.13%	0.011%
40	15.035	2030	2033	2036	rVV5	9985	11330	0.22%	0.019%
41	15.123	2044	2048	2055	rVB4	20223	35895	0.71%	0.061%
42	15.193	2055	2060	2065	rBV5	13144	22387	0.44%	0.038%
43	15.346	2079	2086	2092	rBV10	5866	14715	0.29%	0.025%
44	15.405	2092	2096	2099	rBV2	13577	20520	0.41%	0.035%
45	15.458	2099	2105	2110	rVB	96960	131172	2.59%	0.221%
46	15.510	2110	2114	2118	rBV6	8793	14610	0.29%	0.025%
47	15.610	2119	2131	2142	rVV	3081497	4760766	94.10%	8.028%
48	15.728	2142	2151	2163	rBV	901557	1355345	26.79%	2.286%
49	15.851	2164	2172	2178	rVV4	66977	148043	2.93%	0.250%
50	15.898	2178	2180	2185	rVB6	12607	15799	0.31%	0.027%
51	15.957	2185	2190	2195	rBV6	13092	18334	0.36%	0.031%
52	16.010	2196	2199	2204	rBV5	16885	23358	0.46%	0.039%
53	16.075	2206	2210	2214	rVB4	14490	21463	0.42%	0.036%
54	16.174	2220	2227	2228	rBV7	6314	10815	0.21%	0.018%
55	16.310	2246	2250	2261	rBV	113946	207954	4.11%	0.351%
56	16.492	2277	2281	2285	rVB7	5589	8561	0.17%	0.014%
57	16.556	2285	2292	2297	rBV10	8677	17499	0.35%	0.030%
58	16.656	2303	2309	2316	rBV6	15699	36611	0.72%	0.062%
59	16.715	2316	2319	2322	rVV4	9962	12536	0.25%	0.021%
60	16.768	2322	2328	2333	rVV6	19499	31153	0.62%	0.053%
61	16.815	2333	2336	2341	rVB6	14401	18198	0.36%	0.031%
62	16.885	2343	2348	2352	rBV5	10390	17106	0.34%	0.029%
63	17.103	2381	2385	2389	rBV	70740	86104	1.70%	0.145%
64	17.150	2389	2393	2405	rVB5	29252	52501	1.04%	0.089%
65	17.250	2406	2410	2418	rVB8	11151	24610	0.49%	0.042%
66	17.355	2418	2428	2437	rBV2	1676204	2544609	50.29%	4.291%
67	17.455	2438	2445	2454	rVB	3086764	4765450	94.19%	8.036%
68	17.526	2455	2457	2462	rVV6	9207	12999	0.26%	0.022%
69	17.567	2462	2464	2470	rVB7	5526	7941	0.16%	0.013%
70	17.626	2472	2474	2483	rVB10	4858	10228	0.20%	0.017%
71	17.749	2493	2495	2502	rVB7	7794	12510	0.25%	0.021%

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72	17.837	2503	2510	2516	rBV3	28338	40506	0.80%	0.068%
73	18.013	2535	2540	2547	rVB3	4786	7005	0.14%	0.012%
74	18.125	2552	2559	2565	rBV9	6907	17985	0.36%	0.030%
75	18.237	2566	2578	2593	rBV	412951	740891	14.64%	1.249%
76	18.519	2621	2626	2633	rBV10	8581	20028	0.40%	0.034%
77	18.648	2646	2648	2651	rVB4	5524	6388	0.13%	0.011%
78	18.671	2651	2652	2656	rBV4	4788	6864	0.14%	0.012%
79	18.836	2677	2680	2687	rVB9	6487	10559	0.21%	0.018%
80	19.159	2731	2735	2737	rVV5	4381	6583	0.13%	0.011%
81	19.300	2755	2759	2763	rBV7	6744	14295	0.28%	0.024%
82	19.377	2767	2772	2780	rBV	49177	98295	1.94%	0.166%
83	19.500	2788	2793	2806	rBV3	110592	228654	4.52%	0.386%
84	19.623	2810	2814	2824	rVB	35158	77326	1.53%	0.130%
85	19.735	2826	2833	2843	rBV2	3444388	4981069	98.45%	8.400%
86	20.322	2927	2933	2937	rBV9	12804	29412	0.58%	0.050%
87	20.634	2983	2986	2989	rVB4	16715	18605	0.37%	0.031%
88	20.681	2992	2994	2996	rBV3	10843	9975	0.20%	0.017%
89	20.734	3001	3003	3009	rVB7	13071	19776	0.39%	0.033%
90	21.357	3098	3109	3126	rBV7	61828	357605	7.07%	0.603%
91	21.597	3144	3150	3162	rBV	1564204	2576412	50.92%	4.345%
92	22.367	3278	3281	3284	rBV5	24376	35968	0.71%	0.061%
93	23.043	3392	3396	3402	rVB4	47078	82772	1.64%	0.140%
94	23.237	3424	3429	3433	rVB7	29748	57201	1.13%	0.096%
95	23.824	3524	3529	3536	rVB3	62726	122963	2.43%	0.207%
96	24.547	3640	3652	3670	rVB2	1833628	5059476	100.00%	8.532%
97	24.758	3677	3688	3700	rVB2	1005290	2833202	56.00%	4.778%
98	25.851	3867	3874	3882	rBV4	77133	211206	4.17%	0.356%
99	27.167	4089	4098	4110	rVB5	72557	249682	4.93%	0.421%
100	28.742	4359	4366	4381	rVB6	61049	255386	5.05%	0.431%

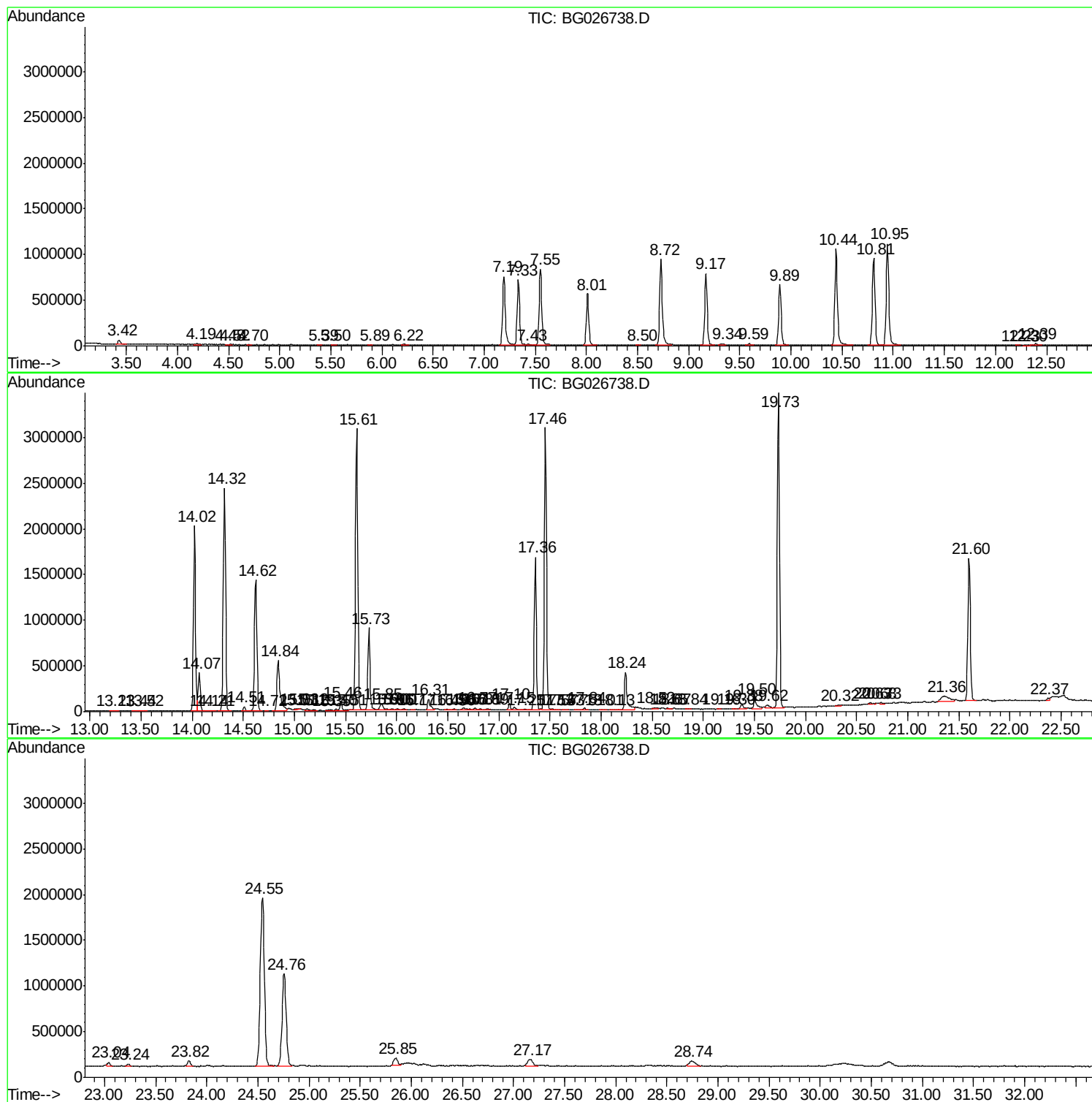
Sum of corrected areas: 59300689

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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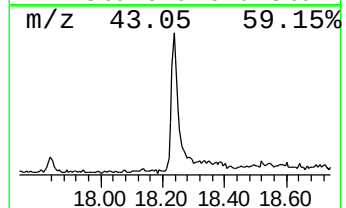
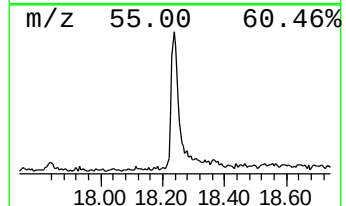
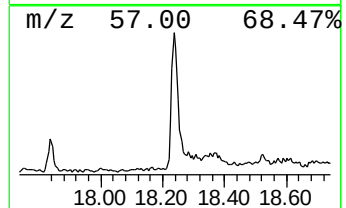
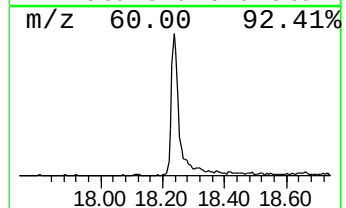
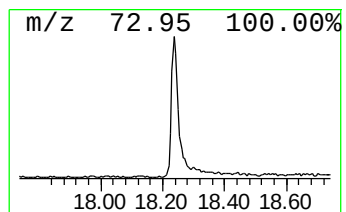
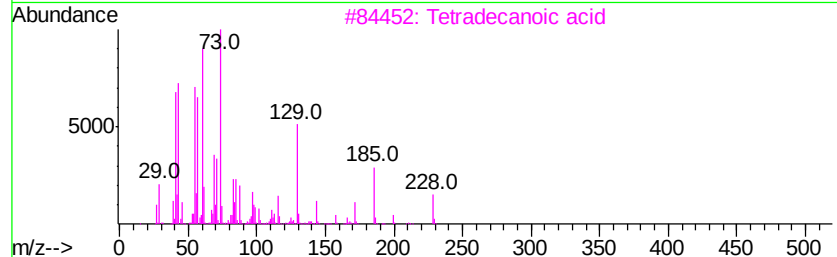
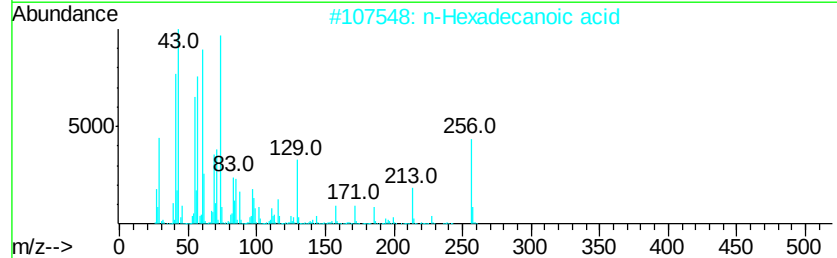
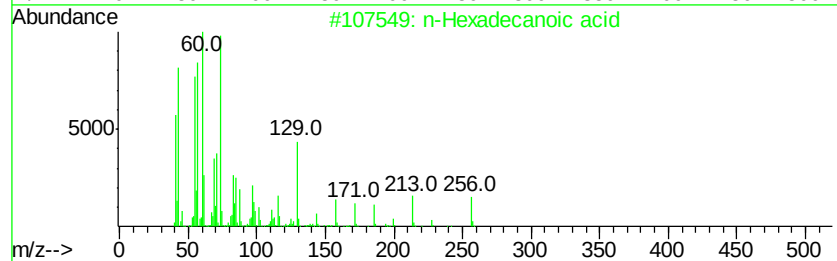
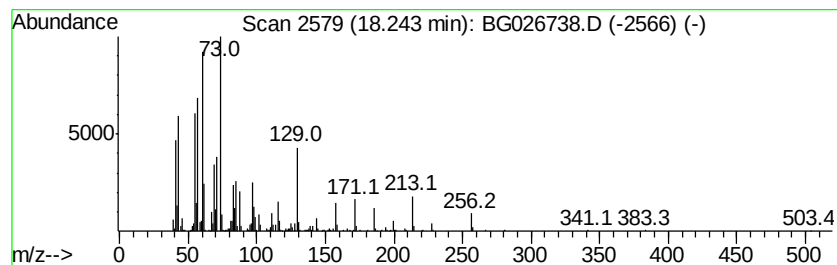
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.24	5.82 ng/ul	740891	Phenanthrene-d10		17.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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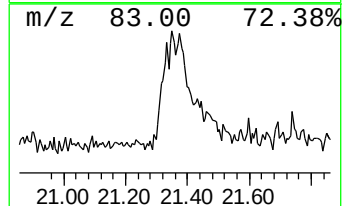
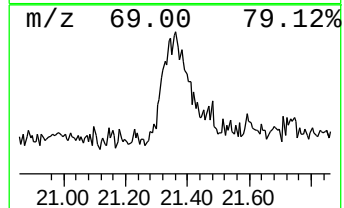
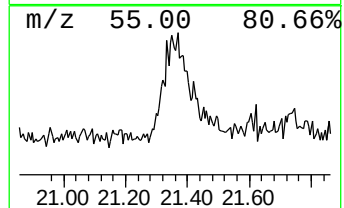
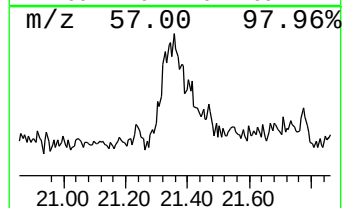
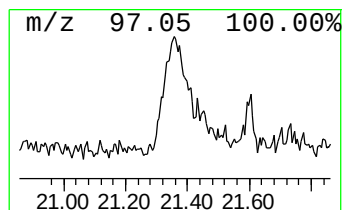
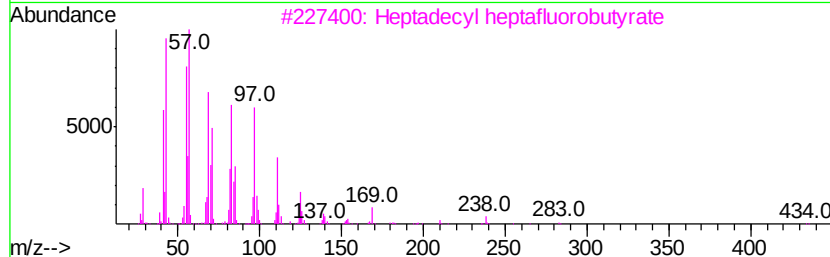
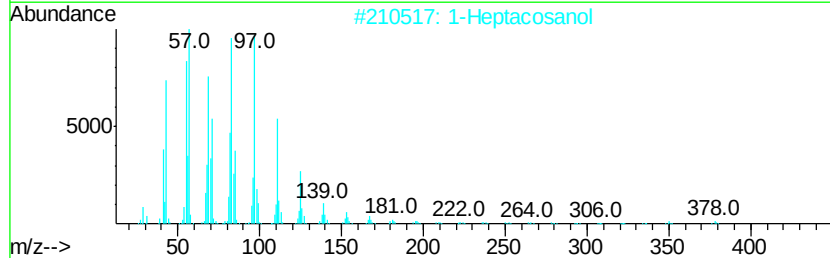
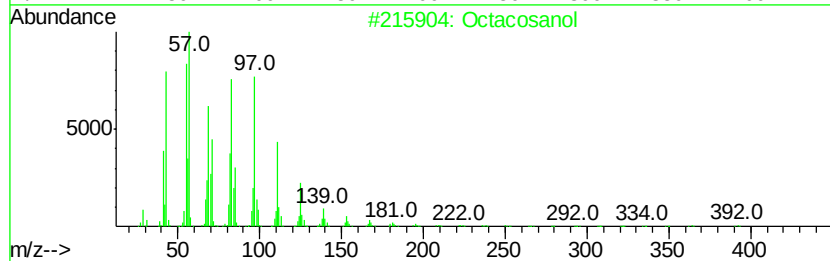
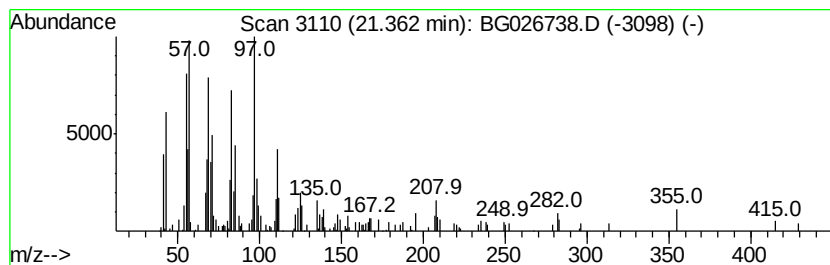
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.78 ng/ul	357605	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 72
2		1-Heptacosanol	396 C27H56O	002004-39-9 72
3		Heptadecyl heptafluorobutyrte	452 C21H35F7O2	959085-66-6 60
4		Heptadecyl heptafluorobutyrte	452 C21H35F7O2	959085-66-6 60
5		Docosyl trifluoroacetate	422 C24H45F3O2	1000351-75-5 58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.24	5.8	ng/ul	740891	4	17.36	2544610	20.0
Octacosanol	21.36	2.8	ng/ul	357605	5	21.60	2576410	20.0